

AMENDMENTS TO THE CLAIMS

1 (Canceled)

2 (Previously Presented). A system comprising

an access tool sized and configured to establish an access path through soft tissue to bone having an interior volume occupied, at least in part, by cancellous bone,

a void forming tool sized and configured to be introduced through the access path to form a void in cancellous bone,

a nozzle sized and configured to pass through the access path and including an interior bore defining a fixed interior volume to receive and deliver a measured volume of filling material into the void, and

an auxiliary tool sized and configured to be advanced through the interior bore and urge filling material from the nozzle.

3 (Previously Presented). A system according to claim 2

wherein the access tool comprises a cannula.

4 to 6 (Canceled).

7 (Previously Presented). A system according to claim 2

wherein the void forming tool is carried by an elongate member sized and configured to pass through the access path.

8 (Previously Presented). A system according to claim 7

wherein the elongate member comprises a catheter.

9 to 12 (Canceled)

13 (Previously Presented). A system according to claim 2

wherein the void forming tool comprises an expandable body.

14 and 15 (Canceled)

16 (Previously Presented). A system according to claim 13

wherein the expandable body, when expanded, assumes a non-spherical shape.

17 and 18 (Canceled)

19 (Previously Presented). A system according to claim 2

wherein the nozzle comprises an elongate tube.

20 (Previously Presented). A system according to claim 2

further including a receptacle for holding a volume of filling material, and,

wherein the nozzle includes a connector to couple the nozzle to the receptacle.

21 to 23 (Canceled).

24 (Previously Presented). A system according to claim 2

wherein the nozzle has a length and includes measured markings along the length.

25 (Previously Presented). A system according to claim 2

wherein the auxiliary tool comprises an elongate body.

26 to 28 (Canceled).

29 (Previously Presented). A system according to claim 2

wherein the nozzle is made from a generally flexible material.

30 (Previously Presented). A system according to claim 2

wherein the nozzle is made from a generally rigid material.

31 (Previously Presented). A system according to claim 2

wherein the filling material comprises at least one of a flowable material that hardens to a rigid state, a bone cement, autograft material, allograft material, calcium carbonate, demineralized bone matrix material, and calcium phosphate.

32 (Previously Presented). A system comprising

a cannula sized and configured to establish an access path through soft tissue to bone having an interior volume occupied, at least in part, by cancellous bone,

a void forming tool sized and configured to be introduced through the cannula to form a void in cancellous bone,

a nozzle that can be manipulated independent of the cannula and that is sized and configured to pass through the cannula, the nozzle including an interior bore to receive and deliver a measured volume of filling material into the void, and

an auxiliary tool that can be manipulated independently of the nozzle and the cannula and that is sized and configured to be advanced through the interior bore and urge filling material from the nozzle, the auxiliary tool, when fully advanced, substantially fully occupying the entire interior bore of the nozzle.

33 (Previously Presented). A system according to claim 32

wherein the filling material comprises at least one of a flowable material that hardens to a rigid state, a bone cement, autograft material, allograft material, calcium carbonate, demineralized bone matrix material, and calcium phosphate.

34 (Previously Presented). A system according to claim 32 wherein the nozzle is made from a generally flexible material.

35 (Previously Presented). A system according to claim 32 wherein the nozzle is made from a generally rigid material.

36 (Previously Presented). A system according to claim 32 wherein the void forming tool comprises an expandable body.